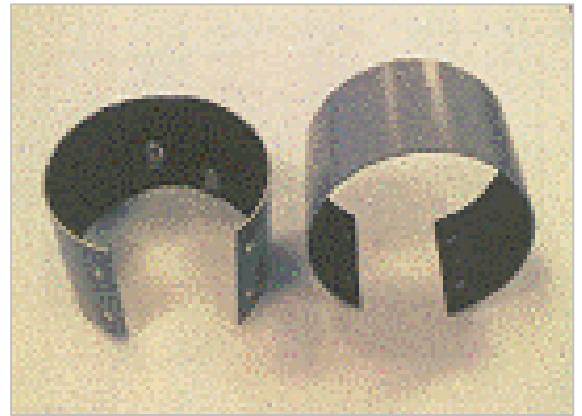


MECHANICAL SPECIFICATIONS

Weight	Function of electrical / environmental requirement, Basic dual-band antenna: 140 gr.
Dimensions	Design parameter, Basic dual-band: W-79mm, L-368mm, Thickness-2mm.
Mounting surface	Flexible wraparound antenna adaptable to cylindrical or conical surfaces
Fastening	Adhesive bond, screw, straps



ELECTRICAL SPECIFICATIONS

Antenna type	Microstrip, wraparound
Frequency range (S-band)	2.2 ÷ 2.4GHz
Frequency range (U.H.F.)	230 ÷ 600MHz
Bandwidth (S / U.H.F)	0.5% + 2%.
Polarization (S-band)	Design parameter- Linear, Dual-Linear, Circular
Polarization (U.H.F.)	Linear
Gain	0÷4dbi according to required radiation pattern
V.S.W.R. S-band	2: 1 max
V.S.W.R. U.H.F.	3: 1 max
Isolation	Typically 25db Inter-channel
Power handling	40w, C.W.
Connectors	S.M.A. female
Radiation pattern	Design parameter- coverage over hemisphere to entire sphere

ENVIRONMENTAL SPECIFICATIONS

Temperature	Extreme ranges, typical -60°C + 200°C
Shock	High shock G's and high radial (spin-up) G's
Acceleration	50 G's any axis
Humidity	100% over temperature range
Salt Fog	MIL-STD-810 Method 509-1 Procedure 1
Altitude	Any
Applications	Rocket, drone, supersonic missiles, space

Note: Specifications are subject to change without notice.



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